


# RABS

Restricted Access Barrier System

We can offer proposals to suit a wide variety of needs with our abundant accomplishments.

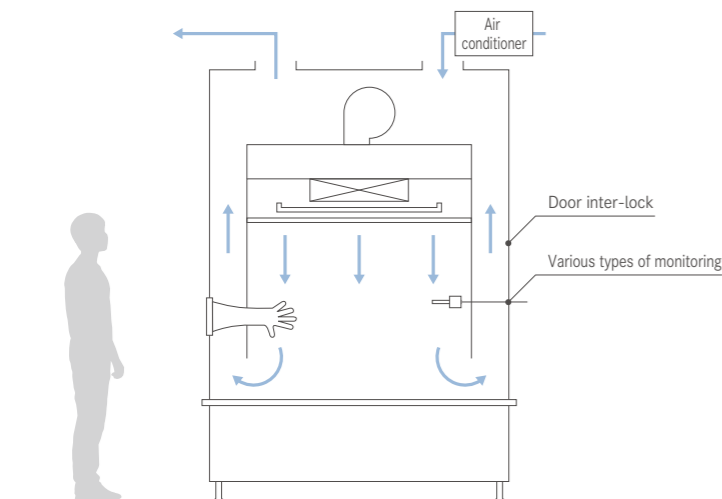
## CLOSE-RABS

Close-RABS is an intermediate structure between isolator and laminar flow system. It has less contamination risk than laminar flow system and a lower price than isolator.

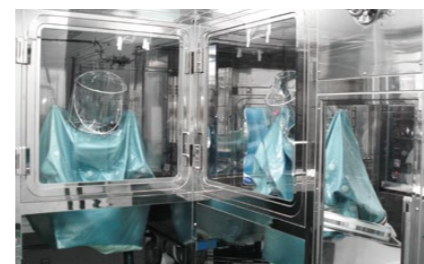
Airtightness		Access to the process area using gloves	<small>*Physical access limitations / Elimination of human-related pollution sources</small>
Environment of Clean Room	Grade <b>B</b>	<b>Structures / Specifications</b>	
Internal Environment	Grade <b>A</b>	<ul style="list-style-type: none"> <li>- Pillar + Kasten type or welding integrated structure</li> <li>- Door Seal: Packing or Pneumatic-seal</li> <li>- Internal circulation mechanism (W-wall type / return duct type)</li> <li>- Internal decontamination itself or not</li> <li>- AHU added or supply / exhaust by customer</li> </ul>	

### Construction case

CLOSE-RABS for filling machine



CLOSE-RABS for filling machine




Half-Suit Type CLOSE-RABS

**Specifications**  
 Blowout method: Unidirectional flow  
 Blowout air velocity: 0.45m/s ±20%  
 Internal positive pressure: +25Pa(design pressure)

**Monitoring items:** air velocity / internal pressure / humidity  
**Partition:** Kasten (Polycarbonate with SUS frame)  
**Internal circulation mechanism:** W-wall type

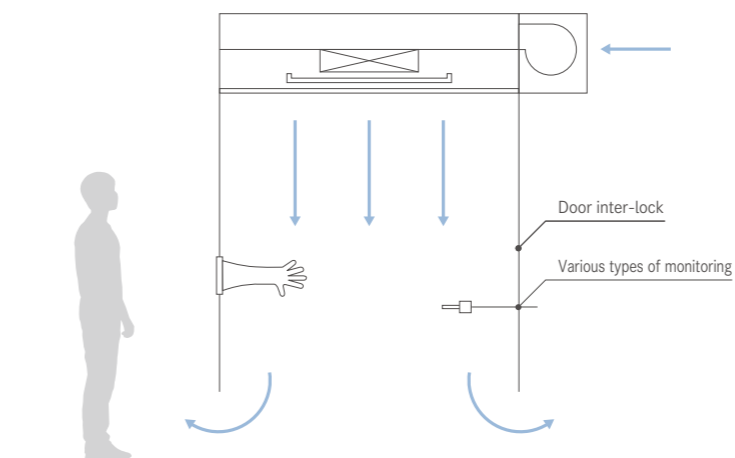
## OPEN-RABS

Open-RABS is an intermediate structure between isolator and laminar flow system. It has less contamination risk than laminar flow system and a lower price than isolator.

Airtightness		Access to the process area using gloves	<small>*Physical access limitations / Elimination of human-related pollution sources</small>
Environment of Clean Room	Grade <b>B</b>	<b>Structures / Specifications</b>	
Internal Environment	Grade <b>A</b>	<ul style="list-style-type: none"> <li>- Pillar + Kasten type</li> <li>- No internal decontamination itself</li> <li>- Add mechanical locking mechanism to the laminar structure</li> <li>- Attach glove ports</li> </ul>	

### Construction case

OPEN-RABS for filling machine



OPEN-RABS for filling



OPEN-RABS for filling machine + transportation

**Specifications**  
 Blowout method: Unidirectional flow  
 Blowout air velocity: 0.45m/s ±20%  
**Monitoring items:** air velocity  
**Partition:** Kasten(Polycarbonate with SUS frame)